CONTACTING EDGES OF GUSSETS PARALLEL TO ℄ OF TUBES
FIG. 1 CABANE GUSSET INST. 6 IN.=1 FT.
FIG. 2 LONGERON END DETAIL 6 IN.=1 FT.
FILL WITH WELD
FIG. 3 LONGERON END DETAIL 6 IN.=1 FT.
FIG. 4 CLUSTER DETAIL 6 IN.=1 FT.
FIG. 5 CLUSTER DETAIL 6 IN.
FIG. 6 PULLEY FITTINGS INST. 6 IN.=1 FT.
FIG. 7 STAB. ADJ. FITTINGS INST. 6 IN.=1 FT.
FIG. 9 LANDING GEAR TRUSS INST. 4 IN.=1 FT.
FIG. 11 SLIDE CLAMPS INST. 6 IN.=1 FT. (ON 11040 ONLY)
81172-45 (ON 11040-5 ONLY) (SEE SECTION V-V)
81172-44 (ON 11040-5 ONLY) SEE SECTION V-V
BOTTOM BAY DIAGONAL TUBE
(3) SIDE FRAME ASS'Y
(2) SIDE FRAME ASS'Y
(4) TUBE ASS'Y (ON 11040 ONLY)
SECTION A-A
SECTION B-B
SECTION C-C 3 IN.=1 FT.
SECTION D-D 6 IN.=1 FT.
SECTION E-E 6 IN.=1 FT.
SECTION F-F 6 IN.=1 FT.
SECTION G-G 6 IN.=1 FT.
SECTION H-H 6 IN.=1 FT.
SECTION K-K FULL SIZE
SECTION M-M 6 IN.=1 FT.
VIEW L-L 3 IN.=1 FT.
214 1/2 ±1/4
NOSE
ELEVATOR 27 UP. 18 DOWN
STAB 1° 15" UP 5° 30 DOWN
HORIZ REF.
REAM .311/.313
WING HINGE FITTINGS
AILERON PULLEY BRACKET INST.
ELEVATOR STOPS & STABILIZER SUPPORT INST. 11124
STABILIZER SCREW UPPER BEARING INST.
ELEVATOR PULLEY BRACKET INST. 11095
FUSELAGE SIDE MEMBER
80022-38
FUSELAGE TAIL FITTINGS INST. 20442
HORIZ. REF. LINE
SEAT FITTINGS INST.
PULLEY BUSHING INST. (ON 11040-5 ONLY)
FIG. 16 PULLEY BUSHING INST.
TACK WELD
FRONT LANDING GEAR FITTINGS INST.
LANDING GEAR LIFT STRUT FITTINGS INST.
FLOOR FITTINGS INST. 11142
LIFT HANDLE INST. 20652
86102-28
86092-19
REAM .189/.191
80022-16 L
SECTION T-T CHANNEL INST.
SECTION Y-Y
SECTION Z-Z (ON 11040-5 ONLY) FULL SIZE
SECTION X-X FULL SIZE
SECTION W-W FULL SIZE
SECTION V-V FULL SIZE
SECTION U-U FULL SIZE
SECTION R-R FULL SIZE
SECTION Q-Q FULL SIZE
SECTION P-P FULL SIZE
FIG. 17
12008
11379
11387
11365
81172-44
81172-45
80012-38

22222-51	1	CHANNEL	
22412	1	TAILPOST ASS'Y	
22102-8	1		
22102-6	2	TUBE	
22102-5	2		
21781	4	PLATE	
21262	2	LANDING GEAR LIFT STRUT	
21242	2	FRONT LANDING GEAR FITTINGS	
11121-3	2	TUBE	
[illegible]02-15	2	BUSHING	
[illegible]232	—	LINER INST.	
[illegible]2	1	LIFT HANDLE INST.	
[illegible]	1	FUSELAGE TAIL FITTINGS INST.	
[illegible]	1	BRACKET	
[illegible]	1	STAB. SCREW UPPER BEARING	
[illegible]		WING HINGE FITTINGS INST.	
20[illegible]		BULKHEAD ASS'Y	
1120[illegible]	2	AILERON PULLEY BRACKET INST.	
11204	2	GUARD	
11379	1	LUG	
80022-38	9	BUSHING	
80002-27	1	CLAMP	
11142	1	FLOOR FITTINGS INST.	
11137-1	1	CHANNEL	
11137	1		
11133	1	SEAT FITTINGS INST. (ON 11040 ONLY)	
11124	1	ELEV. STOPS & STAB. SUPPORT INST.	
81172-45	2 6	LUG	ON 11040 ONLY ON 11040-5 ONLY
11095	1	ELEVATOR PULLEY BRACKET INST.	
11094	1	CHANNEL (ON 11040 ONLY)	
10466-4	2	CLAMP (ON 11040 ONLY)	
[illegible]-22	2	ROD	
[illegible]		PLATE	
86[illegible]		BUSHING	
11042-94	1		
11042-92	2		
11042-88	1		
11042-84	1		
11042-83	4		
11042-82	4		
11042-81	2		
11042-99	1		
11042-49	1		ON 11040 ONLY
11042-78	1		
11265	1		
11042-76	1		
11042-75	1		
11042-74	1		
11042-73	2		
11042-72	1		
11042-71	1		
11042-70	1		
11042-69	1		
11042-68	1		
11042-67	1		
11042-66	1		
11042-65	1		
11042-64	1		

81172-19	1	LUG	ON 11040-5 ONLY
12104	1	BRACKET ASSY	
12008	1	BRACKET ASSY	
11888	1	BRACKET	
11887	1	BRACKET	
12067	1	FITTINGS INST.	
11857-68	1	TUBE	
11857-67	1	TUBE	
11094-2	1	CHANNEL	

NOTES:
1. PARTS MARKED L USED ON LEFT SIDE OF FUSELAGE ONLY.
2. PARTS MARKED R USED ON RIGHT SIDE OF FUSELAGE ONLY.
3. DOTTED LINES IN TOP VIEW INDICATE TRANSVERSE MEMBERS.
4. STABILIZER TRAVEL MEASURED RELATIVE TO THE HORIZ. REF. LINE SHOULD BE 1°15'±30' UP AND 5°30'±30' DOWN.

ASSY NO.	REMARKS
11040	SHOWN & NOTED
11040-5	SHOWN & NOTED

PART NO.	NO. REQ.	NAME / MATERIAL
81172-50	1	LUG
11705-3	1	BRACKET
11705-2	1	BRACKET
11374-1	1	CHANNEL
11374	1	
-4		TUBE ASSY CONSISTS OF 11042-44, 81172-44, 80012-38, 11365, 11379, 11387 & 2 OF 81172-45 (ON 11040-5 ONLY)
11365	1	LUG
#10-32	3	1 1/8 LG. 1010 ST. L. CAD. PL. FL. HD. MACH. SCR.
80012-38	1	BUSHING
10572	2	LONGERON ASSY
81172-51	1	LUG
86102-28	2	BUSHING
86092-19	5	ROD
81651	1	PLATE
81272-12	2	GUSSET
81272-11	1	
81232-7	1	DISC
81232-20	1	
81172-2	1	LUG
80132-2	4	TUBE
11325	2	CHANNEL
80012-30	2	BUSHING
80022-20	1	
22102-4	2	LONGERON
22762-39	1	CHANNEL

[redacted] 1T 1964

[redacted]

LTR	REVISION	DATE	BY
U	4 OF 81172-45, NOTE ADDED	1-27-49	J.C.B.
T	.191 HOLE WAS .250 11887, 11888, 12008, 12104, 81172-19 ADDED	12-6-48	J.C.B.
S	.250 HOLE WAS .191 -5, 11094-2, 11857-67, 11857-68, 12067 FIG. 3 NOTE ADDED	11-9-48	J.C.B.
R	[illegible]		
Q	2 of 80132-2 ADDED; 22102-4 WAS 23761	8-16-48	
P	86102-5 WAS 86102-28; [illegible]	8-5-48	
O	[illegible]		
N	2 OF 80022-38 ADDED; 2 OF 21011 WAS 4; [illegible]		
M	[illegible]		
L	[illegible]		
K	11042-99 RELOCATED, [illegible] ADDED	8-10-47	R.C.
J	11387 & SECT. V-V ADDED	8-22-47	R.C.
H	11379 & SECT. U-U ADDED		
G	[illegible]		
F	[illegible]		
E	[illegible] ADDED		
D	[illegible] & SECT. S-S [illegible]		
C	[illegible]		
B	[illegible]		
A	[illegible]		

SCALE 3 IN.=1 FT. & NOTED | TOTAL WT.—LBS.
FINISH—PIPER SPECIFICATION NO. [illegible]
MANUFACTURING PRACTICES—PIPER SPECIFICATION 19

MODEL	PER PLANE	NEXT ASSEMBLY	SUPERSEDES	SUP. BY

PIPER AIRCRAFT CORP.
LOCK HAVEN, PENNA.

DRAFTSMAN	CHECKER	STANDARDS
[illegible]	[illegible]	

FRAME ASSY. - FUSELAGE

11040